

CLAIMS

1. A solid electrolyte comprising lithium phosphorus oxynitride and a transition metal element.

2. The solid electrolyte in accordance with claim 1, wherein said transition metal element is at least one selected from the group consisting of Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zr, Nb, Mo, Ru, Ag, Ta, W, Pt and Au.

3. The solid electrolyte in accordance with claim 1, wherein the content of said transition metal element is 1 to 50 atom% to phosphorus atoms.

4. An all-solid battery comprising a solid electrolyte comprising lithium phosphorus oxynitride and a transition metal element.